ABSTRACT

A sectional wood overhead garage doors to withstand very high wind loads such as those created by hurricane force winds typically greater than 90 mph and which can be greater than 140 mph. The door meets design pressures of – 65 psf and + 48 psf. The door includes panel sections hingedly connected, each panel section having a frame assembly composed of upper and lower rails and, at least, a pair of end stiles, which form a substantially rectangular border. The frame assembly is fixedly attached to front and back surface protection members, which increase the resistance to wind-induced forces and the impact of objects. The front surface protection member may include a decorative protection assembly that provides an aesthetically pleasing, decorative surface. The decorative protection assembly can be constructed to resemble a flat panel door, a raised panel door, a turn-of-the-century carriage door, and the like.